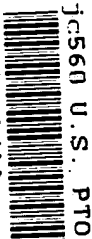


11/03/98



jc560 U.S. PTO

Please type a plus sign (+) inside this box ☐ ☒PTO/SB/05 (12/97)
Approved for use through 09/30/00. OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. IDT-1548

Total Pages 62

First Named Inventor or Application Identifier

Chuen-Der Lien

Express Mail Label No. EL188845055US

APPLICATION ELEMENTS
See MPEP chapter 600 concerning utility patent application contents.**ADDRESS TO:** Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

1. ☒ Fee Transmittal Form
(Submit an original, and a duplicate for fee processing)
2. ☒ Specification [Total Pages 37]
(preferred arrangement set forth below)
- Descriptive title of the invention
 - Cross References to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to Microfiche Appendix
 - Background of the invention
 - Brief Summary of the invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
3. ☒ Drawing(s) (35 USC 113) [Total Sheets 14]
4. Oath or Declaration [Total Pages 2]
- a. ☒ Newly executed (original or copy)
 - b. ☐ Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 17 completed)
[Note Box 5 below]
 - i. ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting
inventor(s) named in the prior application,
see 37 CFR 1.63(d)(2) and 1.33(b).
5. ☐ Incorporation By Reference (useable if Box 4b is checked)
The entire disclosure of the prior application, from which a
copy of the oath or declaration is supplied under Box 4b,
is considered as being part of the disclosure of the
accompanying application and is hereby incorporated by
reference therein.

6. ☐ Microfiche Computer Program (Appendix)
7. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
- a. ☐ Computer Readable Copy
 - b. ☐ Paper Copy (identical to computer copy)
 - c. ☐ Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

8. ☒ Assignment Papers (cover sheet & document(s))
9. ☐ 37 CFR 3.73(b) Statement ☒ Power of Attorney
(when there is an assignee)
10. ☐ English Translation Document (if applicable)
11. ☒ Information Disclosure Statement (IDS)/PTO-1449 ☒ Copies of IDS Citations
12. ☐ Preliminary Amendment
13. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
14. ☐ Small Entity ☐ Statement filed in prior application,
Statement(s) ☐ Status still proper and desired
15. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. ☐ Other:

17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No:**18. CORRESPONDENCE ADDRESS**☐ Customer Number or Bar Code Label

(Insert Customer No. or Attach bar code label here)

or ☒ Correspondence address below

NAME

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U.S. PRO
09/185057
11/03/98

PTO/SB/17 (12-97)

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<h2 style="margin: 0;">FEE TRANSMITTAL</h2> <p style="font-size: small; margin-top: 10px;">Note: Effective October 1, 1997. Patent fees are subject to annual revision.</p>	<p style="text-align: center; margin: 0;">Complete if Known</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Application Number</td><td>unknown</td></tr> <tr><td>Filing Date</td><td>Nov. 2, 1998</td></tr> <tr><td>First Named Inventor</td><td>Chuen-Der Lien</td></tr> <tr><td>Group Art Unit</td><td>unknown</td></tr> <tr><td>Examiner Name</td><td>unknown</td></tr> <tr><td>Attorney Docket Number</td><td>IDT-1548</td></tr> </table>	Application Number	unknown	Filing Date	Nov. 2, 1998	First Named Inventor	Chuen-Der Lien	Group Art Unit	unknown	Examiner Name	unknown	Attorney Docket Number	IDT-1548
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Examiner Name	unknown												
Attorney Docket Number	IDT-1548												
TOTAL AMOUNT OF PAYMENT (\$) 1094.00													

<p style="text-align: center; margin: 0;">METHOD OF PAYMENT (check one)</p> <p>1. <input type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:</p> <p>Deposit Account Number </p> <p>Deposit Account Name </p> <p><input type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 <input type="checkbox"/> Charge the Issue Fee Set in 37 CFR 1.18 at the Mailing of the Notice of Allowance</p> <p>2. <input checked="" type="checkbox"/> Payment Enclosed: <input checked="" type="checkbox"/> Check <input type="checkbox"/> Money Order <input type="checkbox"/> Other</p> <p style="text-align: center; margin: 10px 0;">FEE CALCULATION</p> <p>1. FILING FEE</p> <table style="width: 100%; font-size: x-small;"> <tr> <th>Large Entity Fee Code (\$)</th> <th>Small Entity Fee Code (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> <tr><td>101 790</td><td>201 395</td><td>Utility filing fee</td><td>790</td></tr> <tr><td>106 330</td><td>206 165</td><td>Design filing fee</td><td></td></tr> <tr><td>107 540</td><td>207 270</td><td>Plant filing fee</td><td></td></tr> <tr><td>108 790</td><td>208 395</td><td>Reissue filing fee</td><td></td></tr> <tr><td>114 150</td><td>214 75</td><td>Provisional filing fee</td><td></td></tr> <tr> <td colspan="3" style="text-align: right;">SUBTOTAL (1)</td> <td>(\$)790.00</td> </tr> </table> <p>2. CLAIMS</p> <table style="width: 100%; font-size: x-small;"> <tr> <td>Total Claims</td> <td>32</td> <td>-20 =</td> <td>12</td> <td>X</td> <td>Fee from below</td> <td>22</td> <td>=</td> <td>264</td> </tr> <tr> <td>Independent Claims</td> <td>3</td> <td>-3 =</td> <td>0</td> <td>X</td> <td></td> <td></td> <td>=</td> <td></td> </tr> <tr> <td>Multiple Dependent Claims</td> <td></td> <td></td> <td>0</td> <td>X</td> <td></td> <td></td> <td>=</td> <td>0</td> </tr> </table> <table style="width: 100%; font-size: x-small;"> <tr> <th>Large Entity Fee Code (\$)</th> <th>Small Entity Fee Code (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> <tr><td>103 22</td><td>203 11</td><td>Claims in excess of 20</td><td></td></tr> <tr><td>102 82</td><td>202 41</td><td>Independent claims in excess of 3</td><td></td></tr> <tr><td>104 270</td><td>204 135</td><td>Multiple dependent claim</td><td></td></tr> <tr><td>109 82</td><td>209 41</td><td>Reissue independent claims over original patent</td><td></td></tr> <tr><td>110 22</td><td>210 11</td><td>Reissue claims in excess of 20 and over original patent</td><td></td></tr> <tr> <td colspan="3" style="text-align: right;">SUBTOTAL (2)</td> <td>(\$)264.00</td> </tr> </table>	Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid	101 790	201 395	Utility filing fee	790	106 330	206 165	Design filing fee		107 540	207 270	Plant filing fee		108 790	208 395	Reissue filing fee		114 150	214 75	Provisional filing fee		SUBTOTAL (1)			(\$)790.00	Total Claims	32	-20 =	12	X	Fee from below	22	=	264	Independent Claims	3	-3 =	0	X			=		Multiple Dependent Claims			0	X			=	0	Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid	103 22	203 11	Claims in excess of 20		102 82	202 41	Independent claims in excess of 3		104 270	204 135	Multiple dependent claim		109 82	209 41	Reissue independent claims over original patent		110 22	210 11	Reissue claims in excess of 20 and over original patent		SUBTOTAL (2)			(\$)264.00	<p style="text-align: center; margin: 0;">FEE CALCULATION (continued)</p> <p>3. 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SUBMITTED BY Typed or Printed Name S. E. Hoffman		Complete (if applicable) Reg. Number 38,186	
Signature E. Eric Hoffman	Date 11/2/98	Deposit Account	User ID

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